PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/675,192 Filing Date September 30, 2003 First Named Inventor DOUGLAS et al. Art Unit **Examiner Name** Attorney Docket Number 5853-405

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (f known)</sup>			Figures Appear
M		US- 2001/0000335	04/19/2001	Yamada et al.	
		US- <sub>6,239,453</sub>	05/29/2001	Yamada et al.	
		US- <sub>2002/0154382</sub>	10/24/2002	Morrison et al.	
7MU		US- <sub>6,049,090</sub>	04/11/2000	Clark, Jr.	
CAN		US- <sub>5,420,845</sub>	05/30/1995	Maeda et al.	
())		US- <sub>5,677,546</sub>	10/14/1997	Yu	
OM		US- <sub>5,408,109</sub>	04/18/1995	Hoeger et al.	
		US- 5,247,190	09/21/1993	Friend et al.	
CAN		US- <sub>2002/0098377</sub>	07/25/2002	Cao et al.	
CAN		US- 2002/0126073	09/12/2002	Knapp et al.	
OW		US- 2003/0034486	02/20/2003	Korgel	
0-		US- <sub>2003/0064532</sub>	04/03/2003	Chen	
M		US- 2003/0003300	01/02/2003	Korgel et al.	
7% <del>/</del>		US- 2001/0040232	11/15/2001	Bawandi et al.	
		US- 2003/0017264	01/23/2003	Treadway et al.	
7.00		US- 2002/0164271	11/07/2002	Но	
THU		US- <sub>5,142,343</sub>	08/25/1992	Hosokawa et al.	
		US- <sub>5,682,043</sub>	10/28/1997	Pei et al.	
W	-	US- 5,966,393	10/12/1999	Hide et al.	

		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			T⁵
						L
						┝
						▙

Examiner Date Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if dot in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usptb.gov">www.usptb.gov</a> or MPEP 901.04. Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 2

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/675,192 Filing Date September 30, 2003 First Named Inventor DOUGLAS et al. Art Unit **Examiner Name** Attorney Docket Number 5853-405

Examiner	Cite	Document Number	Publication Date	T DOCUMENTS  Name of Patentee or	1 0
Initials*	No.1	Number-Kind Code <sup>2 (f known)</sup>	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M		US- 6,241,819	06/05/2001	Bhargava et al.	
CAN		US- <sub>6,294,800</sub>	09/25/2001	Duggal et al.	
COIL		US- <sub>6,468,808</sub>	10/22/2002	Nie et al.	
CAN		US- <sub>6,538,371</sub> ·	03/25/2003	Duggal et al.	1
MI		US- 2003003043	01/02/2003	Ishida	
		US- 20030020101	01/30/2003	Bogner et al.	
		US- <sub>20020185378</sub>	12/12/2002	Honeyman et al.	
an		US- 5,237,582	08/17/1993	Moses	
an		US- <sub>5,563,424</sub>	10/08/1996	Yang et al.	
()27~		US- 5,789,100	08/04/1998	Burroughs et al.	
CMY		US- <sub>6,251,303</sub>	06/26/2001	Bawendi et al.	
DYW	<u>,                                     </u>	US- <sub>6,319,426</sub>	11/20/2001	Bawendi	
		US- 6,501,100	12/31/2002	Srivastava et al.	
TOW		US- 2003/0024438	02/06/2003	Botty et al.	
MI		US- 4,775,964	10/04/1988	Alessio et al.	
000		US- <sub>5,852,346</sub>	12/22/1998	Komoda et al.	
		US- <sub>6,252,254</sub>	06/26/2001	Soules et al.	
XX		US- <sub>6,466,135</sub>	10/15/2002	Srivastava et al.	
UNI	/	US- 6,522,065	02/18/2003	Srivastava et al.	

		FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
		Country Code <sup>3 -</sup> Number <sup>6 -</sup> Kind Code <sup>5</sup> (if known)				T⁵
• 4.		:	•			_

Date Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. This is document by the appropriate symbols as Indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Contributing is governed by 35 U.S.U. 122 and 37 GPR 1.14. This collection is estimated to take 2 nours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO				e required to respond to a collection of information unless it contains a valid OMB control number.  Complete if Known		
				Application Number	10/675,192	
INF	ORMATION	I DIS	CLOSURE	Filing Date	September 30, 2003	
STA	TEMENT E	3Y. A	PPLICANT	First Named Inventor	DOUGLAS et al.	
	(Use as many she	ote se e	occessed.	Art Unit		
	(030 as many sine	7013 <b>43</b> 11	acessary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	5853-405	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
ith		TISSUE et al., "Preparation, Characterization, and Dynamical Properties of Nanostructural Metal-Oxide Materials," NSF Partnership in Nanotechnology Conference, Jan. 29&30, 2001.	
Ch	)	HATTORI et al., "Full-Color Light-Emitting Devices Based on n- and o- Conjugated Polymer Materials," Department of Electrical Engineerig and Compute Science, ISSN0098-0966X/98/2901, 1998.	
			۸.
			<del></del>
			·

Examiner	$\alpha/b$	l D	ate	1 1
Signature	(9)		1 11	164164.
45 144 1 44 1 5 4				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information Is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.